

## ABSTRACT

The curing, by UV-light irradiation, of a sealing resin after injecting liquid crystal is made reliable.

The display characteristics and the like of an in-plane  
5 electric field mode liquid crystal element are improved.

To resolve these problems, the viscosity of the sealing resin is lowered, while bubbles mixed in the sealing resin are eliminated by ultrasonic waves, for example.

Also, a means for eliminating ions and charges in the liquid  
10 crystal layer is devised.